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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Thu Jun 07 18:09:28 EDT 2007

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Reviewer Comments:

<210> 24

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<221>

<222>

<223> fibrinogen-binding peptide - 9

<400> 24

Gly Pro Arg Xaa

1

The Xaa at location 4 in the above sequence is not explained; mandatory explanation needed.

Application No: 10574872 Version No: 1.0

Input Set:**Output Set:**

Started: 2007-06-07 14:28:59.921
Finished: 2007-06-07 14:29:01.880
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 959 ms
Total Warnings: 36
Total Errors: 16
No. of SeqIDs Defined: 36
Actual SeqID Count: 36

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
E 257	Invalid sequence data feature in <221> in SEQ ID (18)

Input Set:

Output Set:

Started: 2007-06-07 14:28:59.921
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Actual SeqID Count: 36

Error code	Error Description
E 341	'Xaa' position not defined SEQID (18) POS (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed
E 201	Mandatory field data missing in <221> in SEQ ID (24)
E 201	Mandatory field data missing in <222> in SEQ ID (24)
E 334	Range not specified in the <222> in <222> in SEQ ID (24)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (24)
E 257	Invalid sequence data feature in <221> in SEQ ID (25)
E 341	'Xaa' position not defined SEQID (25) POS (4)
E 341	'Xaa' position not defined SEQID (28) POS (2)
E 341	'Xaa' position not defined SEQID (28) POS (6)
E 341	'Xaa' position not defined SEQID (28) POS (10)
E 341	'Xaa' position not defined SEQID (29) POS (3)
E 341	'Xaa' position not defined SEQID (30) POS (4)
E 341	'Xaa' position not defined SEQID (31) POS (8)
E 341	'Xaa' position not defined SEQID (33) POS (4)

SEQUENCE LISTING

<110> Goodall, Alison Helena
Taylor, Sarah Margaret

<120> FIBRINOGEN TARGETING MICROPARTICLES FOR
PROMOTING HAEMOSTASIS

<130> 430160.401USPC

<140> 10574872

<141> 2007-06-07

<150> US 10/574,872

<151> 2004-10-07

<150> PCT/GB2004/004235

<151> 2004-10-07

<150> GB 0323378.0

<151> 2003-10-07

<160> 36

<170> SeqWin99

<210> 1

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> RGD-containing motif of a-chain of fibrinogen -1

<220>

<221> X

<222> 4

<223> any amino acid

<400> 1

Arg Gly Asp Xaa

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<210> 2

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> RGD-containing motif of a-chain of fibrinogen -2

<400> 2

Arg Gly Asp Phe

1

<210> 3

<211> 4

<212> PRT
 <213> Artificial Sequence

 <220>
 <223> RGD-containing motif of a-chain of fibrinogen -3

 <400> 3
 Arg Gly Asp Ser
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 <210> 4
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> C-terminal sequence of fibrinogen g-chain

 <400> 4
 His His Leu Gly Gly Ala Lys Gln Ala Gly Asp Val
 1 5 10

 <210> 5
 <211> 20
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide representing aa 294-314 of GPIIb

 <400> 5
 Ala Val Thr Asp Val Asn Gly Asp Arg His Asp Leu Leu Val Gly Ala
 1 5 10 15

 Pro Leu Tyr Met
 20

 <210> 6
 <211> 11
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide representing aa 296-306 of GPIIb, designated B12 peptide

 <400> 6
 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
 1 5 10

 <210> 7
 <211> 13
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide representing aa 300-312 of GPIIb

<400> 7
 Gly Asp Gly Arg His Asp Leu Leu Val Gly Ala Pro Leu
 1 5 10

<210> 8
 <211> 4
 <212> PRT
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<220>
 <223> peptide representing aa 309-312 of GPIIb

<400> 8
 Gly Ala Pro Leu
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<210> 9
 <211> 5
 <212> PRT
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<220>
 <223> fibrinogen-binding peptide - 1

<400> 9
 Ala Pro Leu His Lys
 1 5

<210> 10
 <211> 5
 <212> PRT
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<220>
 <223> fibrinogen-binding peptide - 2

<400> 10
 Glu His Ile Pro Ala
 1 5

<210> 11
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> peptide representing aa 211-222 of GPIIIa

<400> 11
 Ser Val Ser Arg Asn Arg Asp Ala Pro Glu Gly Gly
 1 5 10

<210> 12
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> variant of B12 peptide - 1

 <220>
 <222> 2

 <400> 12
 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
 1 5 10

 <210> 13
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 <220>
 <223> variant of B12 peptide - 2

 <220>
 <222> 3

 <400> 13
 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
 1 5 10

 <210> 14
 <211> 11
 <212> PRT
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 <220>
 <223> variant of B12 peptide - 3

 <400> 14
 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
 1 5 10

 <210> 15
 <211> 11
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> variant of B12 peptide - 4

 <400> 15
 Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
 1 5 10

 <210> 16
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> fibrinogen-binding peptide - 3

<400> 16
 Gly Pro Arg Pro Lys
 1 5

<210> 17
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> N-terminal sequence of the a-chain of fibrin exposed by the action of thrombin

<400> 17
 Gly Pro Arg Pro
 1

<210> 18
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> fibrinogen-binding peptide - 4

<220>
 <221> X
 <222> 4
 <223> any amino acid

<400> 18
 Gly Pro Arg Xaa
 1

<210> 19
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> fibrinogen-binding peptide - 5

<400> 19
 Gly Pro Arg Pro
 1

<210> 20
 <211> 11
 <212> PRT
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<220>
 <223> fragment of fibrinogen having inducible platelet-aggregating activity

<400> 20
 His His Leu Gly Gly Ala Lys Gln Ala Asp Val
 1 5 10

<210> 21
 <211> 5
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> fibrinogen-binding peptide - 6

 <400> 21
 Gly Pro Arg Pro Cys
 1 5

 <210> 22
 <211> 8
 <212> PRT
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 <220>
 <223> fibrinogen-binding peptide - 7

 <400> 22
 Gly Pro Arg Pro Gly Gly Gly Cys
 1 5

 <210> 23
 <211> 11
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> fibrinogen-binding peptide - 8

 <400> 23
 Gly Pro Arg Pro Gly Gly Gly Gly Gly Gly Cys
 1 5 10

 <210> 24
 <211> 4
 <212> PRT
 <213> Artificial Sequence

 <220>
 <221>
 <222>
 <223> fibrinogen-binding peptide - 9

 <400> 24
 Gly Pro Arg Xaa
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 <210> 25
 <211> 4
 <212> PRT
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 <220>
 <223> fibrinogen-binding peptide - 10

<220>
<221> X
<222> 4
<223> any amino acid

<400> 25
Gly Pro Arg Xaa
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<210> 26
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Conjugate peptide

<400> 26
Cys His His Leu Gly Gly Ala Lys Gln Ala Gly Asp Val
1 5 10

<210> 27
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Terminal tetrapeptide

<400> 27
Gly Ala Leu Pro
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<210> 28
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Variant of B12 peptide

<220>
<221> VARIANT
<222> 2,6,10
<223> Xaa = Asp or Glu

<400> 28
Thr Xaa Val Asn Gly Xaa Gly Arg His Xaa Leu
1 5 10

<210> 29
<211> 11
<212> PRT

<213> Artificial Sequence

<220>

<223> Variant of B12 peptide

<220>

<221> VARIANT

<222> 3

<223> Xaa = Val or Leu

<400> 29

Thr Asp Xaa Asn Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 30

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Variant of B12 peptide

<220>

<221> VARIANT

<222> 4

<223> Xaa = Asn or Gln

<400> 30

Thr Asp Val Xaa Gly Asp Gly Arg His Asp Leu
1 5 10

<210> 31

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Variant of B12 peptide

<220>

<221> VARIANT

<222> 8

<223> Xaa = Arg or Lys

<400> 31

Thr Asp Val Asn Gly Asp Gly Xaa His Asp Leu
1 5 10

<210> 32

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Possible amino terminus sequence

<220>

<221> VARIANT

<222> 2

<223> Xaa = Pro, His or Val

<220>

<221> VARIANT

<222> 4

<223> Xaa = any amino acid

<400> 32

Gly Xaa Arg Xaa

1

<210> 33

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-terminal sequence of the a-chain of fibrin
exposed by the action of thrombin

<220>

<221> VARIANT

<222> 4

<223> Xaa = Sarcosine

<400> 33

Gly Pro Arg Xaa

1

<210> 34

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-terminal sequence of the a-chain of fibrin
exposed by the action of thrombin

<400> 34

Gly Pro Arg Gly

1

<210> 35

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-terminal sequence of the a-chain of fibrin

exposed by the action of thrombin

<400> 35

Gly Pro Arg Val

1

<210> 36

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Possible amino terminus sequence

<220>

<221> VARIANT

<222> 2

<223> Xaa = Pro or His

<220>

<221> VARIANT

<222> 4

<223> Xaa = any amino acid

<400> 36

Gly Xaa Arg Xaa

1